

1. An ink set for inkjet printing comprising at least three separate inks
in separate chambers in an inkjet printhead with exit orifices for
each said chamber, said ink in said chambers being subject to some
moderate entry of ink from other of said chambers, said ink set
5 comprising
a first dilute color ink of a first color in a first of said chambers,
a second dilute color ink of a second color in a second of said
chambers, and
a black ink comprising black pigment dispersed in water in a
10 third of said chambers,
said first ink and said second ink being compatible with said
black ink when in said black ink in moderate amounts.
2. The ink set of claim 1 in which each said first dilute color ink and
said second dilute color ink have total color of dye in amount of 0.6
percent or less by weight of the ink of said dye.
3. An ink set comprising:
a first aqueous ink consisting essentially of dye as a colorant of
a first color in amount of 0.6 percent or less by weight of the weight
of said first ink,
5 a second aqueous ink consisting essentially of dye as a colorant
of a second color in amount of 0.6 percent or less by weight of the
of said second ink, and
an aqueous black ink comprising carbon black.
4. The ink set as in claim 3 in which said carbon black is dispersant in
said black ink by a polymeric dispersant.

5. An ink set for inkjet printing comprising
- a first full intensity color ink having dye as colorant,
 - a second full intensity color ink having dye as colorant,
 - a third full intensity color ink having dye as colorant,
 - 5 a first dilute color ink having dye as colorant,
 - a second dilute color ink having dye as colorant, and
 - a black ink comprising dispersed black pigment,
- wherein said first dilute color ink and said second dilute color ink are compatible with said black ink when in said black ink in
- 10 moderate amounts.
6. The ink set of claim 5 in which said first dilute color ink, said second dilute color ink and said black ink are contained in separate chambers of a first printhead, each having a exit orifice, said first full intensity in, said second full intensity color ink and said third
- 5 full intensity color ink being in at least one printhead separate form said first printhead.
7. The ink set of claim 5 in which said colorant of said first dilute color ink and said colorant of said second dilute color ink each is in amount to produce an optical density of less than 60% of the optical
- 10 density of one of said full intensity inks having a corresponding color.
8. The ink set of claim 6 in which said colorant of said first dilute color ink and said colorant of said second dilute color ink each is in amount to produce an optical density of less than 60% of the optical

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density of one of said full intensity inks having a corresponding color.